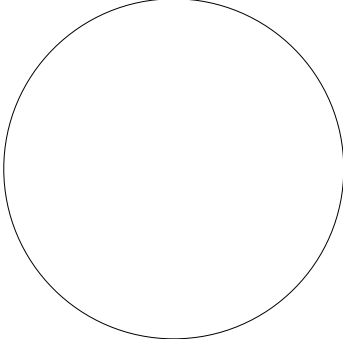


N = 409

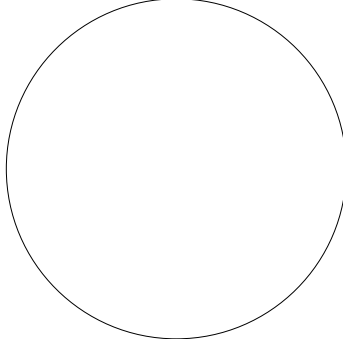
409 spheres in a sphere



radius = 0.113327255266 density = 0.595287028800
ratio = 8.824002643078 contacts = 1185

N = 410

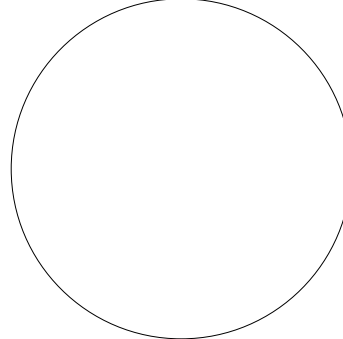
410 spheres in a sphere



radius = 0.113236063862 density = 0.595303109099
ratio = 8.831108799567 contacts = 1196

N = 411

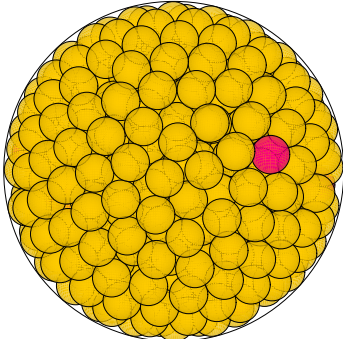
411 spheres in a sphere



radius = 0.113157487368 density = 0.595513632278
ratio = 8.837241116426 contacts = 1201

N = 412

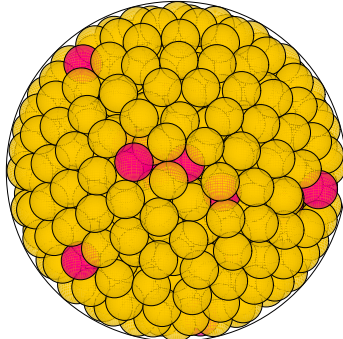
412 spheres in a sphere



radius = 0.113075779255 density = 0.595670351102
ratio = 8.843626872072 contacts = 1205

N = 413

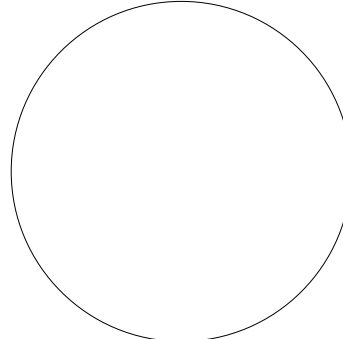
413 spheres in a sphere



radius = 0.112982017557 density = 0.595632009799
ratio = 8.850966033329 contacts = 1194

N = 414

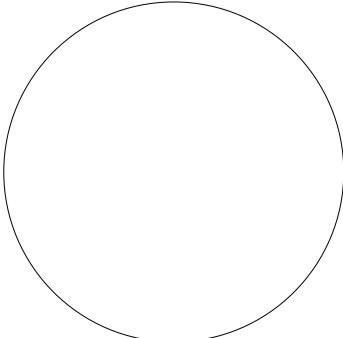
414 spheres in a sphere



radius = 0.112884972536 density = 0.595536982508
ratio = 8.858575039327 contacts = 1200

N = 415

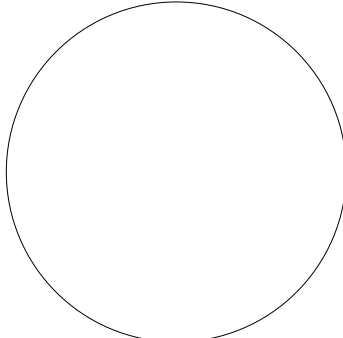
415 spheres in a sphere



radius = 0.112800801459 density = 0.595641094227
ratio = 8.865185238630 contacts = 1176

N = 416

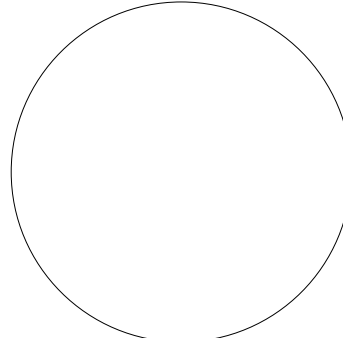
416 spheres in a sphere



radius = 0.112727652157 density = 0.595915547029
ratio = 8.870937883167 contacts = 1215

N = 417

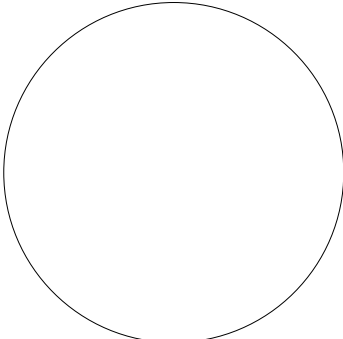
417 spheres in a sphere



radius = 0.112660499304 density = 0.596281135715
ratio = 8.876225528716 contacts = 1216

N = 418

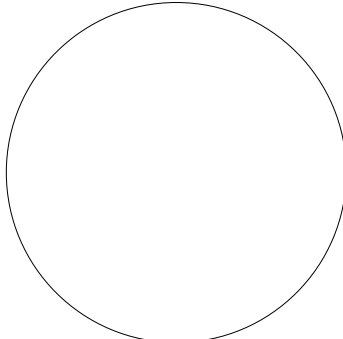
418 spheres in a sphere



radius = 0.112592545389 density = 0.596630146924
ratio = 8.881582670905 contacts = 1213

N = 419

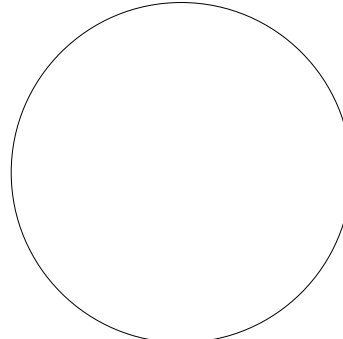
419 spheres in a sphere



radius = 0.112494307124 density = 0.596493421527
ratio = 8.889338719138 contacts = 1227

N = 420

420 spheres in a sphere



radius = 0.112400981512 density = 0.596430166452
ratio = 8.896719464084 contacts = 1203